



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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LAKE ERIE

LEZ165	Le Vermilion To Avon Pt Oh Byd 5Nm Offshore To Intl Border					
Vermilion to Avon Point	01 1715EST 1800EST	0	0			Marine Tstm Wind (EG35)

LEZ144	The Islands To Vermilion Oh					
The Islands to Vermilion	01 1715EST 1800EST	0	0			Marine Tstm Wind (EG35)

LEZ145	Vermilion To Avon Point Oh					
Vermilion to Avon Point	01 1715EST 1800EST	0	0			Marine Tstm Wind (EG35)

A strong thunderstorm moved east across Lake Erie and produced estimated wind gusts in excess of 35 knots.

LEZ162	Le Detroit R Lt To Reno Beach Oh Byd 5Nm Offshore To Intl Border					
Maumee Bay to Reno Beach	09 1424EST 1545EST	0	0			Marine Tstm Wind (EG35)

LEZ163	Le Reno Beach To The Islands Oh Byd 5Nm Offshore To Intl Border					
Reno Beach to The Islands	09 1424EST 1545EST	0	0			Marine Tstm Wind (EG35)

LEZ142	Maumee Bay To Reno Beach Oh					
Maumee Bay to Reno Beach	09 1424EST 1545EST	0	0			Marine Tstm Wind (EG35)

LEZ143	Reno Beach To The Islands Oh					
Reno Beach to The Islands	09 1424EST 1545EST	0	0			Marine Tstm Wind (EG35)

A strong thunderstorm moved east across Lake Erie and produced estimated wind gusts in excess of 35 knots.

LEZ146	Avon Point To Willowick Oh					
Avon Point to Willowick	13 1930EST 2100EST	0	0			Marine Tstm Wind (EG35)

LEZ166	Le Avon Pt To Willowick Oh Byd 5Nm Offshore To Intl Border					
Avon Point to Willowick	13 1930EST 2100EST	0	0			Marine Tstm Wind (EG35)

LEZ164	Le The Islands To Vermilion Oh Byd 5Nm Offshore To Intl Border					
The Islands to Vermilion	13 1930EST 2100EST	0	0			Marine Tstm Wind (EG35)

LEZ165	Le Vermilion To Avon Pt Oh Byd 5Nm Offshore To Intl Border					
Vermilion to Avon Point	13 1930EST 2100EST	0	0			Marine Tstm Wind (EG35)

LEZ167	Le Willowick To Geneva On The Lake Oh Byd 5Nm Offshore To Intl Border					
Willowick to Geneva-On-The-Lake	13 1930EST 2100EST	0	0			Marine Tstm Wind (EG35)

LEZ143	Reno Beach To The Islands Oh					
Reno Beach to The Islands	13 1930EST 2100EST	0	0			Marine Tstm Wind (EG35)

LEZ144	The Islands To Vermilion Oh					
The Islands to Vermilion	13 1930EST 2100EST	0	0			Marine Tstm Wind (EG35)

LEZ145	Vermilion To Avon Point Oh					
Vermilion to Avon Point	13 1930EST 2100EST	0	0			Marine Tstm Wind (EG35)

LEZ147	Willowick To Geneva On The Lake Oh					
Willowick to Geneva-On-The-Lake	13 1930EST 2100EST	0	0			Marine Tstm Wind (EG35)

A line of severe thunderstorms moved east across Lake Erie and produced estimated wind gusts in excess of 35 knots.



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LAKE ERIE

LEZ162	Le Detroit R Lt To Reno Beach Oh Byd 5Nm Offshore To Intl Border								
Maumee Bay to Reno Beach	14	1400EST 1515EST			0	0			Marine Tstm Wind (EG35)
LEZ163	Le Reno Beach To The Islands Oh Byd 5Nm Offshore To Intl Border								
Reno Beach to The Islands	14	1400EST 1515EST			0	0			Marine Tstm Wind (EG35)
LEZ164	Le The Islands To Vermilion Oh Byd 5Nm Offshore To Intl Border								
The Islands to Vermilion	14	1400EST 1515EST			0	0			Marine Tstm Wind (EG35)
LEZ165	Le Vermilion To Avon Pt Oh Byd 5Nm Offshore To Intl Border								
Vermilion to Avon Point	14	1400EST 1515EST			0	0			Marine Tstm Wind (EG35)
LEZ142	Maumee Bay To Reno Beach Oh								
Maumee Bay to Reno Beach	14	1400EST 1515EST			0	0			Marine Tstm Wind (EG35)
LEZ143	Reno Beach To The Islands Oh								
Reno Beach to The Islands	14	1400EST 1515EST			0	0			Marine Tstm Wind (EG35)
LEZ144	The Islands To Vermilion Oh								
The Islands to Vermilion	14	1400EST 1515EST			0	0			Marine Tstm Wind (EG35)
LEZ145	Vermilion To Avon Point Oh								
Vermilion to Avon Point	14	1400EST 1515EST			0	0			Marine Tstm Wind (EG35)
A line of severe thunderstorms moved quickly east across the west end of Lake Erie and produced estimated wind gusts well in excess of 35 knots.									
LEZ146	Avon Point To Willowick Oh								
Avon Point to Willowick	14	1600EST 1730EST			0	0			Marine Tstm Wind (EG35)
LEZ166	Le Avon Pt To Willowick Oh Byd 5Nm Offshore To Intl Border								
Avon Point to Willowick	14	1600EST 1730EST			0	0			Marine Tstm Wind (EG35)
LEZ163	Le Reno Beach To The Islands Oh Byd 5Nm Offshore To Intl Border								
Reno Beach to The Islands	14	1600EST 1730EST			0	0			Marine Tstm Wind (EG35)
LEZ164	Le The Islands To Vermilion Oh Byd 5Nm Offshore To Intl Border								
The Islands to Vermilion	14	1600EST 1730EST			0	0			Marine Tstm Wind (EG35)
LEZ165	Le Vermilion To Avon Pt Oh Byd 5Nm Offshore To Intl Border								
Vermilion to Avon Point	14	1600EST 1730EST			0	0			Marine Tstm Wind (EG35)
LEZ167	Le Willowick To Geneva On The Lake Oh Byd 5Nm Offshore To Intl Border								
Willowick to Geneva-On-The-Lake	14	1600EST 1730EST			0	0			Marine Tstm Wind (EG35)
LEZ143	Reno Beach To The Islands Oh								
Reno Beach to The Islands	14	1600EST 1730EST			0	0			Marine Tstm Wind (EG35)
LEZ144	The Islands To Vermilion Oh								
The Islands to Vermilion	14	1600EST 1730EST			0	0			Marine Tstm Wind (EG35)
LEZ145	Vermilion To Avon Point Oh								
Vermilion to Avon Point	14	1600EST 1730EST			0	0			Marine Tstm Wind (EG35)
LEZ147	Willowick To Geneva On The Lake Oh								
Willowick to Geneva-On-The-Lake	14	1600EST 1730EST			0	0			Marine Tstm Wind (EG35)



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LAKE ERIE

A line of severe thunderstorms moved quickly east across Lake Erie and produced estimated wind gusts well in excess of 35 knots.

LEZ149	Conneaut Oh To Ripley Ny								
Ripley Ny	14	1715EST 1815EST			0	0			Marine Tstm Wind (EG35)
LEZ148	Geneva On The Lake Oh To Conneaut Oh								
Geneva-On-The-Lake to Conneaut	14	1715EST 1815EST			0	0			Marine Tstm Wind (EG35)
LEZ169	Le Conneaut Oh To Ripley Ny Byd 5Nm Offshore To Intl Border								
Conneaut to Ripley Ny	14	1715EST 1815EST			0	0			Marine Tstm Wind (EG35)
LEZ168	Le Geneva On The Lake To Conneaut Oh Byd 5Nm Offshore To Intl Border								
Geneva-On-The-Lake to Conneaut	14	1715EST 1815EST			0	0			Marine Tstm Wind (EG35)

A line of severe thunderstorms moved quickly east across Lake Erie and produced estimated wind gusts well in excess of 35 knots.

LEZ162	Le Detroit R Lt To Reno Beach Oh Byd 5Nm Offshore To Intl Border								
Maumee Bay to Reno Beach	17	1530EST 1700EST			0	0			Marine Tstm Wind (EG35)
LEZ163	Le Reno Beach To The Islands Oh Byd 5Nm Offshore To Intl Border								
Reno Beach to The Islands	17	1530EST 1700EST			0	0			Marine Tstm Wind (EG35)
LEZ164	Le The Islands To Vermilion Oh Byd 5Nm Offshore To Intl Border								
The Islands to Vermilion	17	1530EST 1700EST			0	0			Marine Tstm Wind (EG35)
LEZ142	Maumee Bay To Reno Beach Oh								
Maumee Bay to Reno Beach	17	1530EST 1700EST			0	0			Marine Tstm Wind (EG35)
LEZ143	Reno Beach To The Islands Oh								
Reno Beach to The Islands	17	1530EST 1700EST			0	0			Marine Tstm Wind (EG35)
LEZ144	The Islands To Vermilion Oh								
The Islands to Vermilion	17	1530EST 1700EST			0	0			Marine Tstm Wind (EG35)

A line of strong thunderstorms moved east across the western basin of Lake Erie and produced estimated wind gusts in excess of 35 knots.

LEZ146	Avon Point To Willowick Oh								
Avon Point to Willowick	17	1730EST 1900EST			0	0			Marine Tstm Wind (EG35)
LEZ166	Le Avon Pt To Willowick Oh Byd 5Nm Offshore To Intl Border								
Avon Point to Willowick	17	1730EST 1900EST			0	0			Marine Tstm Wind (EG35)
LEZ163	Le Reno Beach To The Islands Oh Byd 5Nm Offshore To Intl Border								
Reno Beach to The Islands	17	1730EST 1900EST			0	0			Marine Tstm Wind (EG35)
LEZ164	Le The Islands To Vermilion Oh Byd 5Nm Offshore To Intl Border								
The Islands to Vermilion	17	1730EST 1900EST			0	0			Marine Tstm Wind (EG35)
LEZ165	Le Vermilion To Avon Pt Oh Byd 5Nm Offshore To Intl Border								
Vermilion to Avon Point	17	1730EST 1900EST			0	0			Marine Tstm Wind (EG35)
LEZ143	Reno Beach To The Islands Oh								
Reno Beach to The Islands	17	1730EST 1900EST			0	0			Marine Tstm Wind (EG35)
LEZ144	The Islands To Vermilion Oh								
The Islands to Vermilion	17	1730EST 1900EST			0	0			Marine Tstm Wind (EG35)



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LAKE ERIE

LEZ145 **Vermilion To Avon Point Oh**
Vermilion to **17** **1730EST** **0** **0** **Marine Tstm Wind (EG35)**
Avon Point **1900EST**

A line of strong thunderstorms moved east across Lake Erie and produced estimated wind gusts in excess of 35 knots.

LEZ146 **Avon Point To Willowick Oh**
Avon Point to **17** **1900EST** **0** **0** **Marine Tstm Wind (EG35)**
Willowick **2030EST**

LEZ148 **Geneva On The Lake Oh To Conneaut Oh**
Geneva-On-The-Lake to **17** **1900EST** **0** **0** **Marine Tstm Wind (EG35)**
Conneaut **2030EST**

LEZ166 **Le Avon Pt To Willowick Oh Byd 5Nm Offshore To Intl Border**
Avon Point to **17** **1900EST** **0** **0** **Marine Tstm Wind (EG35)**
Willowick

LEZ168 **Le Geneva On The Lake To Conneaut Oh Byd 5Nm Offshore To Intl Border**
Geneva-On-The-Lake to **17** **1900EST** **0** **0** **Marine Tstm Wind (EG35)**
Conneaut **2030EST**

LEZ167 **Le Willowick To Geneva On The Lake Oh Byd 5Nm Offshore To Intl Border**
Willowick to **17** **1900EST** **0** **0** **Marine Tstm Wind (EG35)**
Geneva-On-The-Lake **2030EST**

LEZ147 **Willowick To Geneva On The Lake Oh**
Willowick to **17** **1900EST** **0** **0** **Marine Tstm Wind (EG35)**
Geneva-On-The-Lake **2030EST**

A line of strong thunderstorms moved east across Lake Erie and produced estimated wind gusts in excess of 35 knots.

LEZ149 **Conneaut Oh To Ripley Ny**
Ripley Ny **26** **0855EST** **0** **0** **Waterspout**
 0910EST

LEZ169 **Le Conneaut Oh To Ripley Ny Byd 5Nm Offshore To Intl Border**
Conneaut to **26** **0855EST** **0** **0** **Waterspout**
Ripley Ny **0910EST**

Several waterspouts were observed on Lake Erie offshore from Erie. No damage occurred.

OHIO, North

Lorain County
Vermilion On The Lk **01** **1736EST** **0** **0** **10K** **Thunderstorm Wind (EG50)**
Thunderstorm winds downed several trees.

Ashland County
Savannah **02** **1635EST** **0** **0** **Hail(0.75)**
Penny size hail was observed northeast of Savannah.

Ashtabula County
Jefferson **09** **1530EST** **0** **0** **Hail(0.75)**
Penny size hail was observed south of Jefferson.

Geauga County
Chesterland **09** **1600EST** **0** **0** **Hail(0.75)**
 1610EST
Penny size hail was observed for several minutes south of Chesterland near Novelty.

Cuyahoga County
Strongsville **09** **1605EST** **0** **0** **25K** **Thunderstorm Wind (EG50)**
Thunderstorm winds downed several trees and large tree limbs.

Cuyahoga County
Lyndhurst **09** **1610EST** **0** **0** **Hail(0.75)**
Penny size hail was observed.



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<u>OHIO, North</u>							
Ottawa County							
Catawba Is	09	1612EST			0 0	5K	Thunderstorm Wind (EG50)
							Thunderstorm winds downed one tree and several large tree limbs.
Erie County							
Sandusky	09	1615EST			0 0	15K	Thunderstorm Wind (EG50)
							Thunderstorm winds downed several trees and damaged a roof.
Crawford County							
Galion	09	1620EST			0 0		Hail(0.75)
							Penny size hail was observed.
Crawford County							
Galion	09	1620EST			0 0	20K	Thunderstorm Wind (EG50)
							Thunderstorm winds downed a dozen trees.
Geauga County							
Chesterland	09	1625EST			0 0	2K	Thunderstorm Wind (EG50)
							Thunderstorm winds downed one tree.
Richland County							
Shelby	09	1630EST			0 0	20K	Thunderstorm Wind (EG50)
							Thunderstorm winds downed many trees and large limbs north of Shelby near Plymouth.
Summit County							
Macedonia	09	1635EST			0 0		Hail(0.88)
							Nickel size hail was observed.
Ashtabula County							
Jefferson	09	1640EST			0 0	6K	Thunderstorm Wind (EG50)
							Thunderstorm winds downed a few trees south of Jefferson.
Ashtabula County							
Jefferson	09	1640EST			0 0	5K	Thunderstorm Wind (EG50)
							Thunderstorm winds downed a few trees.
Richland County							
Rome	09	1640EST			0 0		Hail(0.75)
							Penny size hail was observed northeast of Shelby.
Sandusky County							
Gibsonburg	09	1705EST			0 0		Hail(0.75)
							Penny size hail was observed.
Medina County							
Homerville	09	1720EST			0 0	2K	Thunderstorm Wind (EG50)
							Thunderstorm winds downed several large tree limbs.
Ashland County							
Perrysville	09	1745EST			0 0		Hail(0.88)
							Nickel size hail was observed.
Knox County							
Howard	09	1804EST			0 0		Hail(0.75)
							Penny size hail was observed northwest of Howard at Apple Valley.
Huron County							
New Haven to North Fairfield	09	1815EST 1820EST			0 0	45K	Thunderstorm Wind (EG50)
							Thunderstorm winds downed several trees near North Fairfield. A large pole barn was leveled north of New Haven along State Route 598.
Crawford County							
Bucyrus	09	1830EST			0 0	3K	Thunderstorm Wind (EG50)
							Thunderstorm winds downed several large tree limbs.



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OHIO, North

Knox County

Gambier

09	1910EST			0	0	10K		Thunderstorm Wind (EG50)
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Thunderstorm winds downed several trees.

Cuyahoga County

Countywide

09	1530EST 1930EST			0	0	500K		Flash Flood
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Thunderstorms dumped two to five inches of rain on the southern and central portions of Cuyahoga County during the late afternoon and early evening hours. Rainfall rates with the stronger storms were greater than two inches per hour. Widespread street and lowland flooding was reported in Strongsville, North Royalton, Brecksville, Solon, Moreland Hills and Broadview Heights. Some of the worst flooding occurred in North Royalton after Baldwin Creek left its banks. Flood waters up to three feet deep damaged 170 homes in the city. Nearly five inches of rain fell in Brecksville causing Chippewa Creek to go into flood. Homes and businesses along Mill Road were evacuated after flood waters reached two feet in depth. Roads were washed out in Moreland Hill and Solon. Spotters measured three and a half inches of rain in Solon. Many vehicles became stranded in the flood waters. Hundreds of homes were damaged in the county, mainly from basement flooding. Many roads had to be closed because of flooding.

Medina County

North Portion

09	1530EST 1930EST			0	0	200K		Flash Flood
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Thunderstorms dumped two to four inches of rain on the northern portion of Medina County during the late afternoon and early evening hours. Rainfall rates with the stronger storms exceeded two inches per hour. Spotters in Brunswick measured 2.90 inches of rain between 5 p.m. and 6:10 p.m. Flood waters up to two feet deep damaged 65 homes in Brunswick. At least one family had to be evacuated. Many vehicles were also damaged.

Geauga County

Countywide

09	1700EST 1930EST			0	0	250K		Flash Flood
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Thunderstorms dumped over three inches of rain on portions of Geauga County. The heaviest rains fell over the southwestern corner of the county where spotters measured 3.5 inches of rain in Bainbridge. Rainfall rates at times approached two inches per hour. Fourteen homes were damaged by flooding in Chester, Russell, Newbury and Bainbridge Townships. Flood waters on some roads were as much as two feet deep. Many vehicles were damaged by the flood waters.

Ashtabula County

South Portion

09	1815EST 2000EST			0	0	150K		Flash Flood
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Thunderstorms dumped two to four inches of rain on the southern portion of Ashtabula County during the evening hours. Widespread lowland and street flooding was reported. Some of the worst flooding occurred south of Jefferson where State Route 11 had to be closed. Several motorists became stranded in flood waters up to two feet deep. Many other roads in the southern half of the county also had to be closed. Dozens of homes and vehicles sustained flood damage.

Hancock County

Van Buren

13	1810EST			0	0	2K		Thunderstorm Wind (EG50)
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Thunderstorm winds downed a few large tree limbs.

Wood County

North Baltimore

13	1810EST			0	0	3K		Thunderstorm Wind (EG50)
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Thunderstorm winds downed one tree and one large limb.



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<u>OHIO, North</u>									
Crawford County									
Bucyrus	13	1840EST			0	0	2K		Hail(1.00)
			Quarter size hail was observed.						
Seneca County									
Tiffin	13	1840EST			0	0	5K		Thunderstorm Wind (EG50)
			Thunderstorm winds downed a few large tree limbs.						
Sandusky County									
Fremont	13	1843EST			0	0	5K		Thunderstorm Wind (EG50)
			Thunderstorm winds downed a few trees and large limbs.						
Richland County									
Ontario	13	1915EST			0	0	3K		Thunderstorm Wind (EG50)
			Thunderstorm winds downed one tree and one large limb north of Ontario.						
Wyandot County									
Upper Sandusky	13	1915EST			0	0	3K		Thunderstorm Wind (EG50)
			Thunderstorm winds downed one tree and one large limb.						
Huron County									
Countywide	13	1930EST 1945EST			0	0	50K		Thunderstorm Wind (EG50)
			Thunderstorm winds downed many trees across the county.						
Ashland County									
Hayesville	13	1950EST			0	0	4K		Thunderstorm Wind (EG50)
			Thunderstorm winds downed two trees.						
Erie County									
Vermilion	13	1950EST			0	0	8K		Thunderstorm Wind (EG50)
			Thunderstorm winds downed five trees west of Vermilion.						
Lorain County									
Elyria	13	2000EST			0	0	10K		Thunderstorm Wind (EG50)
			Thunderstorm winds downed a few trees.						
Cuyahoga County									
Berea to Parma	13	2020EST 2025EST			0	0	8K		Thunderstorm Wind (EG50)
			Thunderstorm winds downed trees in both Berea and Parma.						
Richland County									
Ontario	13	2020EST			0	0	4K		Thunderstorm Wind (EG50)
			Thunderstorm winds downed two large trees.						
Medina County									
Granger	13	2030EST			0	0	4K		Thunderstorm Wind (EG50)
			Thunderstorm winds downed a couple trees in Granger Township.						
Wayne County									
Doylestown	13	2105EST			0	0	2K		Thunderstorm Wind (EG50)
			Thunderstorm winds downed two large tree limbs.						
Morrow County									
Mt Gilead	13	2130EST			0	0	3K		Thunderstorm Wind (EG50)
			Thunderstorm winds downed one tree and one large limb.						
Wayne County									
Countywide	13	2200EST			0	0	15K		Thunderstorm Wind (EG50)
			Thunderstorm winds downed a few trees across the county.						
Knox County									
Fredericktown	13	2225EST			0	0	10K		Thunderstorm Wind (EG50)
			Thunderstorm winds downed a few trees and large limbs in the Fredericktown area.						



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<u>OHIO, North</u>							
Holmes County							
Killbuck to Stillwell	13	2230EST			0 0	5K	Thunderstorm Wind (EG50)
Thunderstorm winds downed trees in Killbuck and Stillwell.							
Richland County							
Countywide	13 14	2045EST 0015EST			0 0	475K	Flash Flood
Thunderstorms dumped two to three inches of rainfall on much of Richland County during the evening hours of June 13th. Significant flooding occurred in the northwestern corner of the county. The Black Fork of the Mohican River went into flood at Shelby (for the first time since 1987) just before midnight. Significant flooding occurred in the city especially in the McKinley Place area where several people had to be evacuated. Widespread flooding was also reported in nearby Plymouth. Two cars and a truck became stranded in four feet of water near Mansfield Lahm Airport. For the day, 1.97 inches of rain was measured at the airport with most of it falling between 8:30 p.m. and 11 p.m. Numerous roads had to be closed because of flooding including State Routes 13 and 96. Nearly 50 RVs had to be moved at Charles Mills State Park due to rapidly rising waters levels in Charles Mills Lake. Dozens of homes and many vehicles sustained flood related damages.							
Crawford County							
Countywide	13 14	2100EST 0000EST			0 0	550K	Flash Flood
Thunderstorms dumped over three inches of rain on portions of Crawford County during the evening hours of June 13th. Spotters in Bucyrus measured one inch of rain in a 20 minute period ending around 9 p.m. Significant flooding occurred in some portions of the county. The Galion area was especially hard hit. Several homes along Park Road sustained major damage from flood waters up to three feet deep. A cooperative observer in the area measured a total of 1.88 inches of rainfall on the 13th. In Bucyrus, 32 homes had to be evacuated because of flooding. Nearly 20 homes were damaged in Crestline by flooding. A total of over 50 homes were damaged in the county with around a dozen sustaining major damage. Many roads had to be closed because of flooding. Numerous vehicles were also damaged.							
Ashland County							
North Portion to Northeast Portion	13 14	2114EST 0000EST			0 0	75K	Flash Flood
Thunderstorms dumped one to three inches of rain on northern Ashland County during the evening of June 13th. Flooding was reported in many low lying areas. One person had to be rescued near Nova after they drove their car into a flooded section of road. Many homes sustained damage from flooding.							
Lucas County							
Countywide	14	1425EST 1448EST			0 0	50K	Thunderstorm Wind (EG50)
Thunderstorm winds downed several trees and dozens of large limbs across the county. A garage was heavily damaged by a fallen tree in Toledo.							
Hancock County							
Findlay	14	1445EST			0 0	4K	Thunderstorm Wind (EG50)
Thunderstorm winds downed a few large tree limbs.							
Wood County							
Countywide	14	1445EST 1500EST			0 0	30K	Thunderstorm Wind (EG50)
Thunderstorm winds downed a few trees and large limbs across the county. A mobile home in Rudolph was damaged by a fallen tree.							
Seneca County							
Bascom to Fostoria	14	1510EST 1514EST			0 0	8K	Thunderstorm Wind (EG50)
Thunderstorm winds downed six trees in Fostoria and a few more south of Bascom. A home in Fostoria was heavily damaged by a							



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<u>OHIO, North</u>							
fallen tree.							
Ottawa County							
Marblehead	14	1515EST			0 0	8K	Thunderstorm Wind (EG50)
Thunderstorm winds downed a few trees.							
Crawford County							
Benton	14	1530EST			0 0	3K	Thunderstorm Wind (EG50)
Thunderstorm winds downed one tree and one large limb.							
Wyandot County							
Upper Sandusky	14	1530EST			0 0	6K	Thunderstorm Wind (EG50)
Thunderstorm winds downed one tree and several large limbs.							
Erie County							
Castalia	14	1540EST			0 0	3K	Thunderstorm Wind (EG50)
Thunderstorm winds downed one tree and one large limb.							
Huron County							
Countywide	14	1555EST			0 0	20K	Thunderstorm Wind (EG50)
Thunderstorm winds downed many trees across the county.							
Lorain County							
Countywide	14	1605EST 1620EST			0 0	90K	Thunderstorm Wind (MG57)
A 65 mph thunderstorm wind gust was measured in Elyria. Around three dozen trees were downed in the county. At least two homes in North Ridgeville were damaged by fallen trees.							
Marion County							
Caledonia	14	1610EST			0 0	6K	Thunderstorm Wind (EG50)
Thunderstorm winds downed one tree and several large limbs.							
Richland County							
Countywide	14	1618EST 1640EST			0 0	50K	Thunderstorm Wind (EG50)
Thunderstorm winds downed over two dozen trees across the county.							
Ashland County							
Ashland	14	1620EST 1745EST			0 0	10K	Thunderstorm Wind (EG50)
Thunderstorm winds downed a few trees in the county.							
Morrow County							
Mt Gilead	14	1625EST			0 0	5K	Thunderstorm Wind (EG50)
Thunderstorm winds downed a few large tree limbs.							
Medina County							
Medina	14	1630EST			0 0	5K	Thunderstorm Wind (EG50)
Thunderstorm winds downed one tree and a few large limbs.							
Cuyahoga County							
Countywide	14	1640EST			0 0	25K	Thunderstorm Wind (EG50)
Thunderstorm winds downed several trees across the county.							
Wayne County							
Craigton to Shreve	14	1650EST			0 0	4K	Thunderstorm Wind (EG50)
Thunderstorm winds downed trees near Craigton and Shreve.							
Lake County							
Countywide	14	1700EST			0 0	15K	Thunderstorm Wind (EG50)
Thunderstorm winds downed several trees in the eastern half of the county.							
Summit County							
Countywide	14	1700EST 1725EST			0 0	15K	Thunderstorm Wind (EG50)
Thunderstorm winds downed several trees and large limbs across the county.							



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>OHIO, North</u>									
Portage County									
Countywide	14	1710EST			0	0	50K		Thunderstorm Wind (EG50)
									Thunderstorm winds downed over two dozen trees in the county. Trees were reported downed in Ravenna, Kent, Aurora, Brimfield, Mantua and Shalersville.
Geauga County									
Thompson	14	1713EST			0	0			Hail(0.75)
									Penny size hail was observed.
Geauga County									
Countywide	14	1715EST 1730EST			0	0	25K		Thunderstorm Wind (EG50)
									Thunderstorm winds downed many trees and large limbs across the county.
Ashtabula County									
Countywide	14	1725EST 1755EST			0	0	15K		Thunderstorm Wind (EG50)
									Thunderstorm winds downed several trees and large limbs across the county.
Trumbull County									
Leavittsburg	14	1725EST			0	0	15K		Thunderstorm Wind (EG50)
									Thunderstorm winds downed several trees.
Holmes County									
Countywide	14	1730EST 1755EST			0	0	25K		Thunderstorm Wind (EG52)
									Thunderstorm winds downed over two dozen trees and large limbs across the county.
Trumbull County									
Greene Center to Kinsman	14	1730EST 1750EST			0	0	30K		Thunderstorm Wind (EG61)
									Thunderstorm winds estimated at 70 mph downed many trees in northern Trumbull County.
Mahoning County									
Austintown	14	1740EST			0	0			Hail(0.75)
									Penny size hail was observed north of Austintown.
Stark County									
Lexington	14	1745EST			0	0	15K		Thunderstorm Wind (EG50)
									Thunderstorm winds downed several trees in Lexington Township.
Knox County									
Countywide	14	1810EST			0	0	15K		Thunderstorm Wind (EG50)
									Thunderstorm winds downed several trees in the eastern and southern portions of the county.
OHZ009-019-027>030-036>037	Erie - Huron - Wyandot - Crawford - Richland - Ashland - Marion - Morrow								
	14	1630EST 2000EST			0	0			Flood
									Thunderstorms dumped as much as three inches of rain on portions of northern Ohio during the afternoon and evening hours of June 14th. Widespread lowland flooding was reported in several counties. Many streams and creeks left their banks forcing the closure of dozens of roads. Hundreds of homes experienced basement or nuisance flooding.
OHZ031-038	Wayne - Holmes								
	14 15	1745EST 0300EST			0	0	200K		Flood
									Two to three inches of rain fell on much of Wayne and Holmes Counties as a series thunderstorms moved across northern Ohio during the evening hours of June 14th and early morning hours of the 15th. Widespread lowland flooding was reported in both Wayne and Holmes Counties. Several roads had to be closed in each county because of flood waters up to three feet deep. Dozens of homes and business sustained flood damage, mainly from basement flooding.



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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OHIO, North

Stark County

Countywide

14	2300EST								
15	0300EST			0	0	1.2M			Flash Flood

Thunderstorms producing heavy rain moved across Stark County during the evening hours of June 14th and early morning hours of the 15th. Two to four inches of rain fell on ground already saturated from heavy rains the previous few days. One inch of rain was measured in 20 minutes at East Sparta during the evening hours. This rainfall caused the streams and rivers in the county to rapidly rise. The worst flooding was reported in Canton Township where Nimishillen Creek went into flood early on the 15th. Around 15 families in North Industry had to be evacuated from their homes around midnight. Flood waters up to five feet deep were reported in this area and a dive team had to rescue two people from their stranded car. The creek crested at 11.46 feet at 8 am on the 15th. Widespread flooding was also reported in the Louisville area. Businesses in downtown sustained considerable damage after the East Branch of Nimishillen Creek went into flood. Spotters in the area measured 3.6 inches of rain between midnight and 4 a.m. Flooding was also reported in Perry Township, Sandy Township and in the Minerva area. Dozens of roads were either closed or washed out by the flooding. Hundreds of homes, businesses and vehicles were damaged by the flooding.

OHZ032

Stark

15	0300EST								
	1200EST			0	0				Flood

Heavy thunderstorm rains caused Nimishillen Creek to go into flood during the early morning hours of June 15th. The creek at North Industry crested at 11.46 feet at 8 am on the 15th and fell back below the flood stage of 8 feet later in the day. This crest was the second highest ever recorded at North Industry. At least 15 families were evacuated from homes along the creek. Extensive damage was done to homes and businesses along the creek in both North Industry and Louisville. See the flash flood event description above for damage estimates and rainfall totals for this event.

OHZ027>029-037

Wyandot - Crawford - Richland - Morrow

15	0015EST								
	0600EST			0	0				Flood

More locally heavy rain fell on Wyandot, Crawford, Richland and Morrow Counties during the early morning hours of June 15th. Widespread lowland flooding continued in all four counties. Several small streams and creeks left their banks forcing the closure of some roads. Many homes experienced basement or nuisance flooding.

Knox County

Centerburg

15	1315EST								
				0	0	10K			Thunderstorm Wind (EG50)

Thunderstorm winds downed several trees.

Knox County

Mt Vernon

15	1330EST								
	1338EST			0	0	4K			Thunderstorm Wind (EG50)

Thunderstorms downed one tree north of Mount Vernon and a second northeast of the city.

Holmes County

Countywide

15	1430EST								
	1830EST			0	0	125K			Flash Flood

Strong thunderstorms again moved across Holmes County during the afternoon of June 15th. One to two inches of rain fell on much of the county. This rain combined with ground already saturated from earlier rains led to widespread flooding. A factory in Walnut Creek was damaged after flood waters surged into the building. Numerous roads were either washed out or closed by flooding. Flood waters on some roads were as much as three feet deep. Many other homes and businesses sustained damage, mainly from basement flooding.

Holmes County

Countywide

16	2300EST								
				0	0	1.5M			Flash Flood



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

OHIO, North

17 0230EST

Another round of heavy rain producing thunderstorms moved across Holmes County late on June 16th and early on the 17th. Spotters near Berlin measured two inches of rain between 11 p.m. and midnight with storm totals of four to five inches. This rain combined with ground already saturated from earlier rains led to devastating flooding in portions of Holmes County. The Walnut Creek area was among the hardest hit in the county. Rapid rises in streams and creeks damaged many roads and buildings. Over 14,000 chickens perished at a Walnut Creek Township farm after flood waters surged into a barn. Two motorists were injured when their car was swept off a flooded county road and overturned. Two bridges were washed out in Salt Creek Township. Many roads had to be closed because of washouts or flooding. Hundreds of homes and businesses sustained at least minor flood damage. Damage to roads, bridges and other public property topped \$700,000.

Stark County

Southwest Portion

16 2345EST 17 0245EST

0 0 400K Flash Flood

Another round of heavy rain producing thunderstorms moved across Stark County late on June 16th and early on the 17th. The southwestern portion of the county experienced devastating flooding. Spotters in Beach City measured two inches of rain between 11 p.m. and 12:30 a.m. with storm totals of four to five inches reported. This rain combined with ground already saturated from earlier rains led to devastating flooding in the Wilmot and Beach City areas. A motorist in Bethlehem Township was stranded on a bridge after the approach to the bridge was washed out. A creek near Wilmot left its banks and forced the evacuation of several people. Numerous roads were either washed out or closed by flooding. Dozens of homes and vehicles were damaged by the flood waters which were up to four deep at some locations.

OHZ031-038

Wayne - Holmes

17 0100EST 19 0000EST

0 0 Flood

Runoff from heavy thunderstorm rains on June 13th through the 16th caused Killbuck Creek to go into flood early on the 17th. The creek crested at 17.01 feet around 3 a.m. on the 18th. This was the first time since 1994 that Killbuck Creek had climbed as high as 17 feet. Extensive lowland flooding was reported along the creek in both Wayne and Holmes Counties. Several roads had to be closed in each county as a result of the flooding. In Killbuck, several homes were completely surrounded by flood waters. Many homes and business along the creek sustained minor flood related damages. Widespread flooding was also reported elsewhere in both of these counties.

Lucas County

Toledo

17 1600EST

0 0 10K Thunderstorm Wind (EG50)

Thunderstorm winds downed several trees.

Mahoning County

Austintown

17 1601EST

0 0 Hail(0.75)

Penny size hail was observed.

Lucas County

Countywide

17 1620EST 1635EST

0 0 35K Thunderstorm Wind (EG50)

Thunderstorm winds downed many trees and large limbs across the county.

Wood County

Perrysburg

17 1640EST

0 0 3K Thunderstorm Wind (EG50)

Thunderstorm winds downed a few large tree limbs.

Ottawa County

Williston

17 1653EST

0 0 3K Thunderstorm Wind (EG50)

Thunderstorm winds downed a few large tree limbs.



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<u>OHIO, North</u>							
Lorain County							
La Grange	17	1845EST			0 0	3K	Thunderstorm Wind (EG50)
			Thunderstorm winds downed several large tree limbs.				
Lorain County							
North Ridgeville	17	1850EST			0 0	2K	Thunderstorm Wind (EG50)
			Thunderstorm winds downed one tree.				
Medina County							
Seville	17	1900EST			0 0	3K	Thunderstorm Wind (EG50)
			Thunderstorm winds downed several large tree limbs.				
Summit County							
Clinton	17	1954EST			0 0		Hail(0.75)
			Penny size hail was observed.				
Wayne County							
Doylestown	17	2011EST			0 0	10K	Thunderstorm Wind (EG50)
			Thunderstorm winds downed several trees.				
OHZ029>030-047							
			Richland - Ashland - Knox				
	17	1800EST			0 0		Flood
	18	0000EST					
			Slow moving thunderstorms repeatedly moved across Ashland, Knox and Richland Counties on the evening of June 17th. Locally heavy rainfall was reported with these storms. Some locations saw as much as three inches of rain. This combined with ground already saturated from earlier heavy rains led to the renewal of widespread urban and lowland flooding. Numerous small streams and creeks left their banks forcing the closure of many roads. Hundreds of homes experienced basement or nuisance flooding.				
Wyandot County							
Upper Sandusky	24	1641EST 1646EST			0 0	10K	Thunderstorm Wind (EG50)
			Thunderstorm winds downed a few trees and large limbs near Upper Sandusky.				
Summit County							
Stow	24	1704EST 1707EST			0 0		Hail(0.75)
			Penny size hail was observed.				
Huron County							
Willard	24	1708EST			0 0		Hail(0.75)
			Penny size hail was observed.				
Huron County							
Willard	24	1708EST			0 0	4K	Thunderstorm Wind (EG50)
			Thunderstorm winds downed several large tree limbs.				
Portage County							
Streetsboro	24	1718EST			0 0		Hail(0.75)
			Penny size hail was observed.				
Portage County							
Hiram	24	1725EST			0 0		Hail(0.75)
			Penny size hail was observed.				
Summit County							
Peninsula	24	1730EST			0 9		Lightning
			Nine boys ages 11 to 14 were injured when lightning struck a tree near their campsite. All of the injuries were minor. The boys were staying at a campground in Boston Township.				
Marion County							
Marion	24	1735EST			0 0	12K	Thunderstorm Wind (EG50)
			Thunderstorm winds toppled four utility poles near Marion.				



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<u>OHIO, North</u>							
Crawford County							
Galion	24	1736EST			0 0		Hail(0.75)
		Penny size hail was observed.					
Marion County							
Martel	24	1741EST			0 0	20K	Thunderstorm Wind (EG50)
		Thunderstorm winds downed over a dozen trees.					
Morrow County							
Iberia	24	1744EST			0 0	10K	Thunderstorm Wind (EG50)
		Thunderstorm winds estimated at nearly 60 mph damaged a house near Iberia.					
Medina County							
Homerville	24	1756EST			0 0		Hail(0.75)
		Penny size hail was observed.					
Medina County							
Homerville	24	1756EST			0 0	6K	Thunderstorm Wind (EG50)
		Thunderstorm winds downed a few trees.					
Trumbull County							
Newton Falls	24	1757EST			0 0		Hail(0.75)
		Penny size hail was observed.					
Trumbull County							
Braceville	24	1759EST			0 0		Hail(0.75)
		Penny size hail was observed.					
Ashland County							
Perrysville to Loudonville	24	1800EST 1805EST			0 0	15K	Thunderstorm Wind (EG50)
		Thunderstorm winds downed several large trees in Loudonville and Perrysville.					
Ashland County							
Ashland	24	1801EST			0 0		Hail(1.00)
		Quarter size hail was observed.					
Richland County							
Lexington	24	1801EST			0 0		Hail(0.75)
		Penny size hail was observed.					
Richland County							
Mansfield	24	1801EST			0 0		Hail(0.75)
		Penny size hail was observed.					
Richland County							
Bellville	24	1803EST			0 0		Hail(0.75)
		Penny size hail was observed.					
Richland County							
Bellville	24	1803EST			0 0	10K	Thunderstorm Wind (EG52)
		Thunderstorm winds estimated at 60 mph downed a few trees.					
Holmes County							
Holmesville	24	1830EST			0 0	15K	Thunderstorm Wind (EG50)
		Thunderstorm winds downed several trees.					
Stark County							
Canal Fulton to North Canton	24	1830EST 1845EST			0 0	300K	Thunderstorm Wind (EG83)
		A thunderstorm downburst produced winds estimated at 75 to 95 mph and caused extensive damage along a twelve mile long path from near Canal Fulton to North Canton. The first damage occurred just west of Canal Fulton near State Route 21. An intermittent damage path continued eastward through Lawrence Township, Jackson Township and North Canton. Over a thousand trees were downed along the damage path. Sixteen homes were damaged in Canal Fulton with most of the damage caused by fallen trees. A small house was destroyed by two fallen trees in Canton Township. Several other homes along the damage path sustained minor					



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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OHIO, North

damage. Many vehicles were also damaged and over 19,000 people lost power as a result of this storm.

Wayne County Countywide	24	1830EST 1900EST			0	0			Thunderstorm Wind (EG50)
									Thunderstorm winds downed trees near Dalton, Shreve and Kidron.
Trumbull County Niles	24	1843EST			0	0			Hail(0.75)
									Penny size hail was observed.
Trumbull County Hubbard	24	1845EST			0	0			Hail(1.00)
									Quarter size hail was observed.
Summit County Greensburg	24	1847EST			0	0	15K		Thunderstorm Wind (EG50)
									Thunderstorm winds downed several trees across Green Township.
Trumbull County Leavittsburg	24	1850EST			0	0			Hail(0.75)
									Penny size hail was observed.
Wayne County Doylestown	24	1854EST			0	0			Hail(0.75)
									Penny size hail was observed.
Trumbull County Warren	24	1900EST			0	0	15K		Thunderstorm Wind (EG50)
									Thunderstorm winds downed several trees.
Mahoning County Youngstown	24	1938EST			0	0			Hail(0.75)
									Penny size hail was observed.

PENNSYLVANIA, Northwest

Crawford County Titusville	09	1705EST			0	0	50K		Hail(1.75)
									Golf ball size hail was observed. Several vehicles were damaged.
Crawford County Linesville	09	1720EST			0	0	10K		Thunderstorm Wind (EG50)
									Thunderstorm winds downed a few trees.
Crawford County Titusville	09	1740EST			0	0	10K		Thunderstorm Wind (EG50)
									Thunderstorm winds downed a few trees.
Crawford County Countywide	13	2255EST			0	0	25K		Thunderstorm Wind (EG50)
									Thunderstorm winds downed many trees across the county.
Crawford County Countywide	14	1745EST 1815EST			0	0	750K		Thunderstorm Wind (MG65)
									A 75 mph thunderstorm wind gust was measured at Conneautville. Over a thousand trees were downed in the county. The worst damage was in the central portion of the county with at least 13 homes damaged by fallen trees in Vernon, West Mead, East Mead and Randolph Townships. A few other homes and businesses were damaged elsewhere in the county.
Erie County Countywide	14	1745EST			0	0	50K		Thunderstorm Wind (EG50)



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2004

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	

PENNSYLVANIA, Northwest

1810EST

Thunderstorms winds downed dozens of trees across the county.